



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

020375-0222005 DJF

JANUARY 03, 2003

PTAS  
TOWNSEND AND TOWNSEND AND CREW LLP  
DOUGLAS M. HAMILTON  
TWO EMBARCADERO CENTER, 8TH FLOOR  
SAN FRANCISCO, CA 94111-3834

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
JAN 31 2003  
Washington, DC 20231  
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\*102236714A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/30/2002

REEL/FRAME: 013326/0864  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FIRST DATA RESOURCES, INC.

DOC DATE: 09/26/2002

ASSIGNEE:

FIRST DATA CORPORATION  
12500 E. BELFORD AVENUE  
ENGLEWOOD, COLORADO 80112-5939

SERIAL NUMBER: 09298521

FILING DATE: 04/23/1999

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, First Data Resources Inc., a corporation of the State of Delaware, having a principal place of business at 10825 Farnam Drive, Omaha, Nebraska 68154-3277; hereinafter referred to as "ASSIGNOR," is the owner of all rights in certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: METHOD FOR DEFINING A RELATIONSHIP BETWEEN  
AN ACCOUNT AND A GROUP

Filing Date: April 23, 1999

Serial No.: 09/298,521

WHEREAS, First Data Corporation of 12500 East Belford Avenue, Englewood, Colorado 80112-5939, hereinafter referred to as "ASSIGNEE," wants to acquire an interest in the invention and application and in any Letters Patent and Registrations that may be granted on the same;


For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignor hereby authorizes and requests Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

IN TESTIMONY WHEREOF, this Assignment is executed this 26<sup>th</sup> day of September, 2002.

FIRST DATA RESOURCES INC.

By:   
Ken Algiene  
Assistant Secretary & Senior Counsel

09-30-2002

Attorney Docket No. 20375-022200

Form PTO-1595

(Rev. 03-01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇨ ⇨ ⇨



102236714

U.S. Department of Commerce  
U.S. Patent and Trademark Office

9/30/02

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

First Data Resources, Inc.

2. Name and address of receiving party(ies)

Name: First Data Corporation

Internal Address: \_\_\_\_\_

Street Address: 12500 E. Belford Avenue

City: Englewood State: Colorado ZIP: 80112-5939

Additional name(s) of conveying parties attached? ☐ Yes ☒ No.

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_Additional names and addresses attached? ☐ Yes ☒ No

Execution Date: September 26, 2002

4. Application number(s) or patent number(s).

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No(s): 09/298,521

B. Patent No(s): \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Douglas M. Hamilton  
TOWNSEND AND TOWNSEND AND CREW LLP  
Two Embarcadero Center, 8<sup>th</sup> Floor  
San Francisco, California 94111-3834  
(415) 576-0200

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.

Douglas M. Hamilton

Name of Person Signing

Atty. Reg. No. 47,629

Signature

September 26, 2002

Date

Total number of pages including cover sheet, attachments and document 2

Mail documents to be recorded with required cover to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

DE 7083239 v1

10/01/2002 6TON11 00000038 201430 09298521

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40.00 CH

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

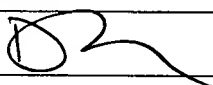
Approved for use through 10/31/2002. OMB 0651-0031

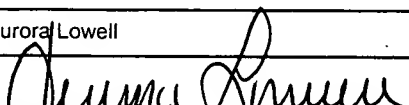
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	<b>Application Number</b>	09/298,521	
	<b>Filing Date</b>	April 23, 1999	
	<b>First Named Inventor</b>	Lynn Holm-Blagg, et al.	
	<b>Group Art Unit</b>	3624	
	<b>Examiner Name</b>	Alaine L. Bashore	
<b>Total Number of Pages in This Submission</b>	1	<b>Attorney Docket Number</b>	20375-022200

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Response  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Return Postcard
<b>Remarks</b>		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
<b>Firm and Individual name</b>	Townsend and Townsend and Crew LLP Douglas M. Hamilton Reg. No. 47,629
<b>Signature</b>	
<b>Date</b>	September 26, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <span style="border: 1px solid black; padding: 2px;">September 26, 2002</span>	
<b>Typed or printed name</b>	Aurora Lowell
<b>Signature</b>	 <span style="float: right;"><b>Date</b> September 26, 2002</span>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.  
DE 7083251 v1

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**FEE TRANSMITTAL  
for FY 2002**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**40****Complete if Known**

Application Number	09/298,521
Filing Date	April 23, 1999
First Named Inventor	Lynn Holm-Blagg, et al.
Examiner Name	Alaine L. Bashore
Group Art Unit	3624
Attorney Docket No.	20375-022200

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ MoneyOrder ☐ Other ☐ None☒ Deposit Account:Deposit  
Account  
Number**20-1430**Deposit  
Account  
NameTownsend and Townsend and  
Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)**

(\$)

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims		-20**	=		X		=	
Independent Claims		-3**	=		X		=	
Multiple Dependent					X		=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)**

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**


Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)\_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)**(\$)**40****SUBMITTED BY****Complete (if applicable)**

Name (Print/Type)	Douglas M. Hamilton	Registration No. (Attorney/Agent)	47,629	Telephone	303-571-4000
Signature		Date	September 26, 2002		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. DE 7083254 v1

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

Complete if Known

Application Number 09/298,521

Filing Date April 23, 1999

First Named Inventor Lynn Holm-Blagg, et al.

Examiner Name Elaine L. Bashore

Group Art Unit 3624

Attorney Docket No 20375-022200

TOTAL AMOUNT OF PAYMENT (\$ 40

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 20-1430

Deposit Account Name Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

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107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20**		X			
Multiple Dependent		-3**		X			

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
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SUBTOTAL (2) (\$

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
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169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$40

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Douglas M. Hamilton

Registration No. (Attorney/Agent)

47,629

Telephone

303-571-4000

Signature



Date

September 26, 2002

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